

ISO 27048:2011-01 (E)

Radiation protection - Dose assessment for the monitoring of workers for internal radiation exposure

| Contents | | Page |
|---|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 Scope | | 1 |
| 2 Normative references | | 2 |
| 3 Terms and definitions | | 2 |
| 4 Symbols and abbreviated terms | | 6 |
| 5 Derivation of critical values for routine monitoring programmes | | 7 |
| 6 Procedure for the assessment of workplace monitoring data | | 10 |
| 7 Procedure for the assessment of individual monitoring data | | 12 |
| 8 Uncertainties | | 22 |
| 9 Special topics | | 26 |
| 10 Documentation | | 29 |
| 11 Reporting | | 29 |
| 12 Quality assurance | | 30 |
| Annex A (informative) Predicted ranges of measured bioassay quantities, E(50) = 20 mSv | | 31 |
| Annex B (informative) Scattering factors | | 72 |
| Annex C (informative) Retention functions and excretion rates | | 74 |
| Bibliography | | 75 |